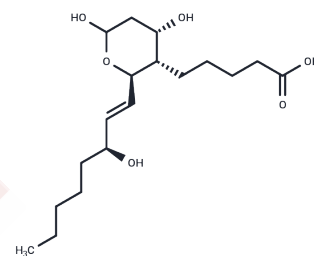


2,3-dinor Thromboxane B1

Chemical Properties

CAS No. :	196493-76-2
Formula:	C ₁₈ H ₃₂ O ₆
Molecular Weight:	344.448
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Thromboxane B2 (TXB2) is released in substantial quantities from aggregating platelets and metabolized during circulation to 11-dehydro TXB2 and 2,3-dinor TXB2. In rats and rabbits, 2,3-dinor TXB1 has been identified as another urinary metabolite of TXB2. However in human urine, only trace amounts of 2,3-dinor TXB1 have been identified. In rats, 2,3-dinor TXB1 is excreted at a much higher rate than 2,3-dinor TXB2 (19.2 ± 4.9 ng/24 hr and 1.6 ± 0.3 ng/24 hr, respectively). Therefore, urinary 2,3-dinor TXB1 is a suitable marker of thromboxane biosynthesis in rats.
Targets(IC50)	Others,Prostaglandin Receptor

Solubility Information

Solubility	DMF: 50 mg/mL (145.16 mM),Sonication is recommended. DMSO: 20 mg/mL (58.06 mM),Sonication is recommended. PBS (pH 7.2): 0.15 mg/mL (0.44 mM),Sonication is recommended. Ethanol: 50 mg/mL (145.16 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9032 mL	14.5159 mL	29.0318 mL
5 mM	0.5806 mL	2.9032 mL	5.8064 mL
10 mM	0.2903 mL	1.4516 mL	2.9032 mL
50 mM	0.0581 mL	0.2903 mL	0.5806 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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